

Safety Manager's Presentation Langley Research Center

Grant M Watson, LaRC Safety Manager

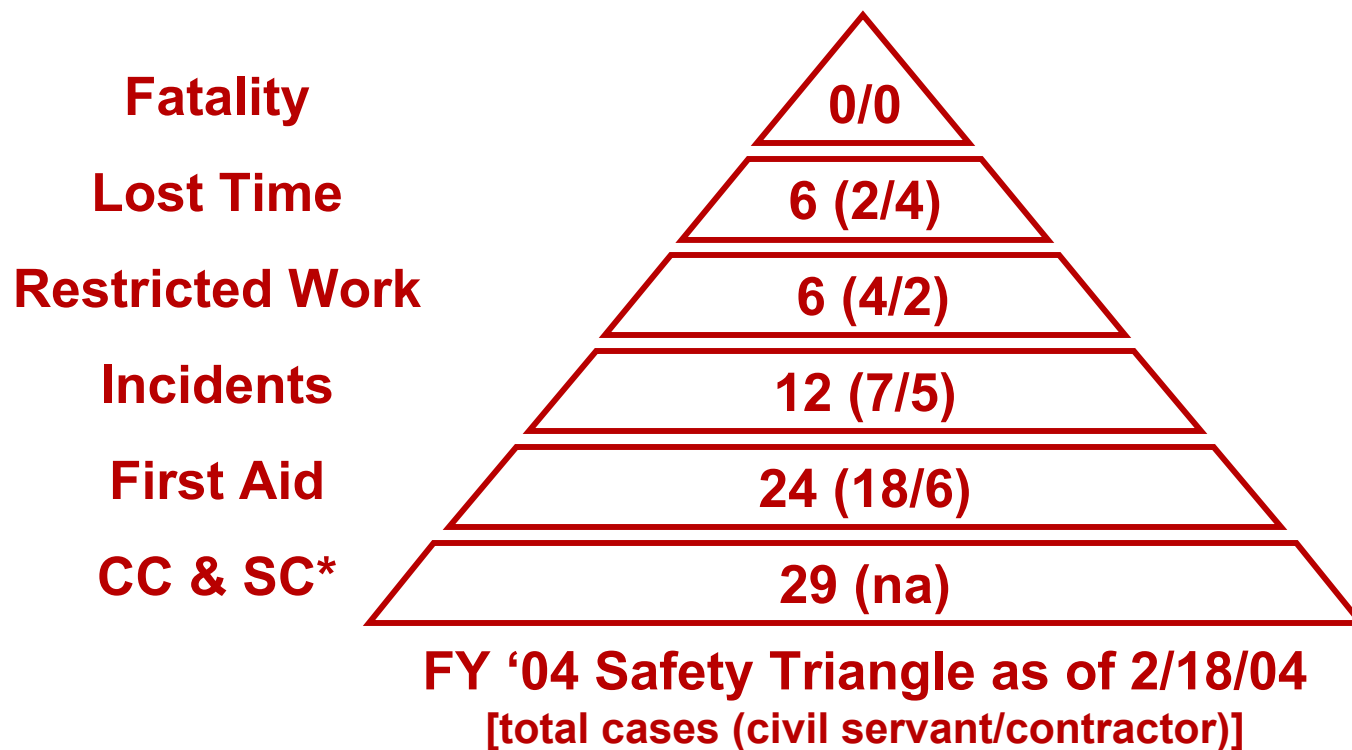


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Safety Metrics

FY '04 To-Date Safety Triangle



* This is the numbers of Close Calls (CC) and Safety Concerns documented on a form LF 164

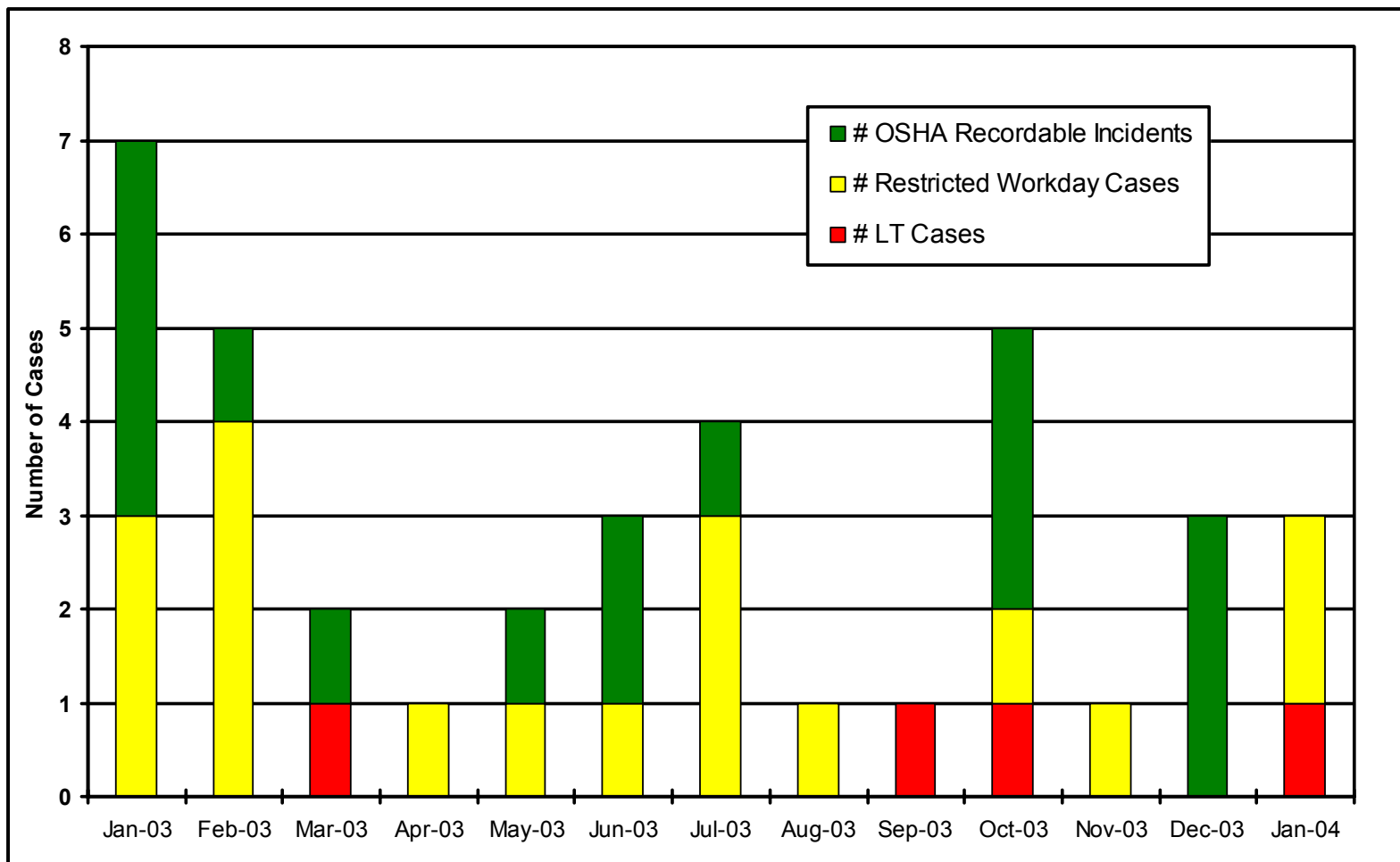
Description of Fiscal Year 2004 LaRC Lost Time Accidents

- Employee sustaining back strain while bending over to pickup a post-it-note pad, (civil servant; 1 lost day).
- Employee sustained contusions to ribs and hip injuries after being pinned in the cab of crane that had tipped over (JCI; 18 lost days).
- Employee exiting a vehicle stepped into a small indentation in an unpaved parking lot sustaining a left ankle sprain (JCI; 1 lost day).

Description of Fiscal Year 2004 LaRC Lost Time Accidents

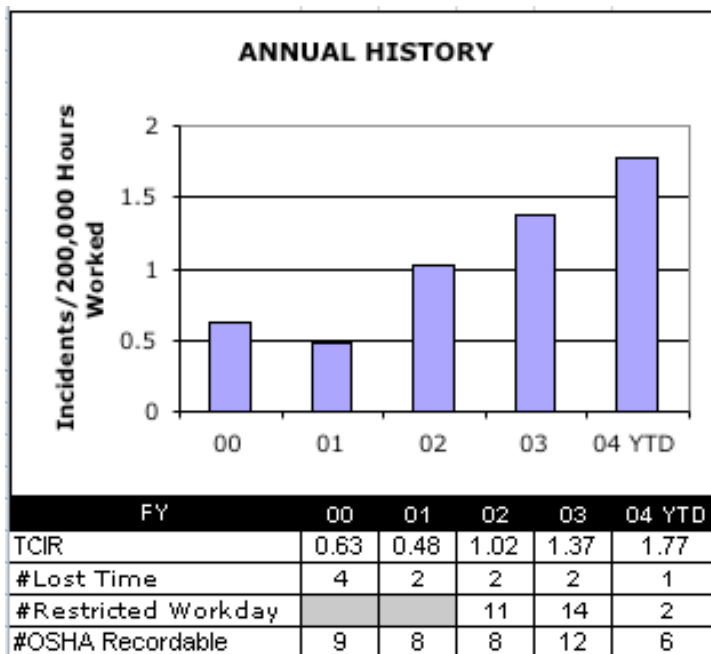
- Employee strained/sprained back while carrying a box of paper down the hall (civil servant; 5 lost days).
- Employee sustaining back strain while pickup garbage bag (Impact Services; 3 lost days).
- Employee injured back when vehicle was brought to a sudden stop because the vehicle was hit by bollards being deployed during a test (JCI, 1 lost day).

Civil Servant Monthly Total Case Incident Rate (TCIR)

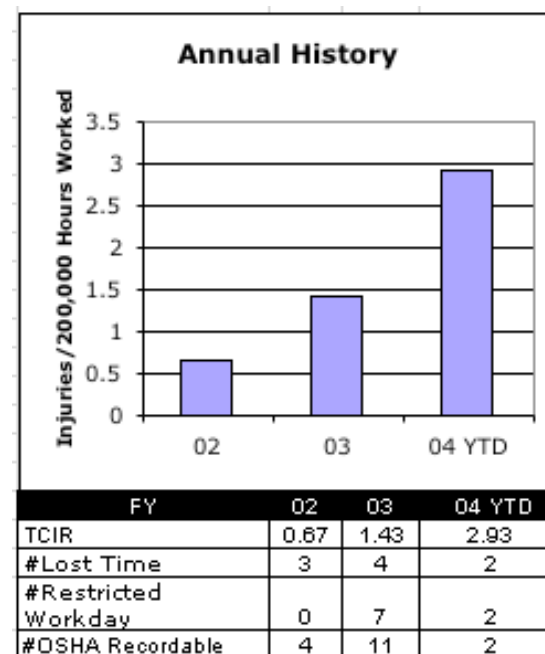


Total Case Incident Rate (TCIR) (as of 12/31/03)

Civil Servant TCIR



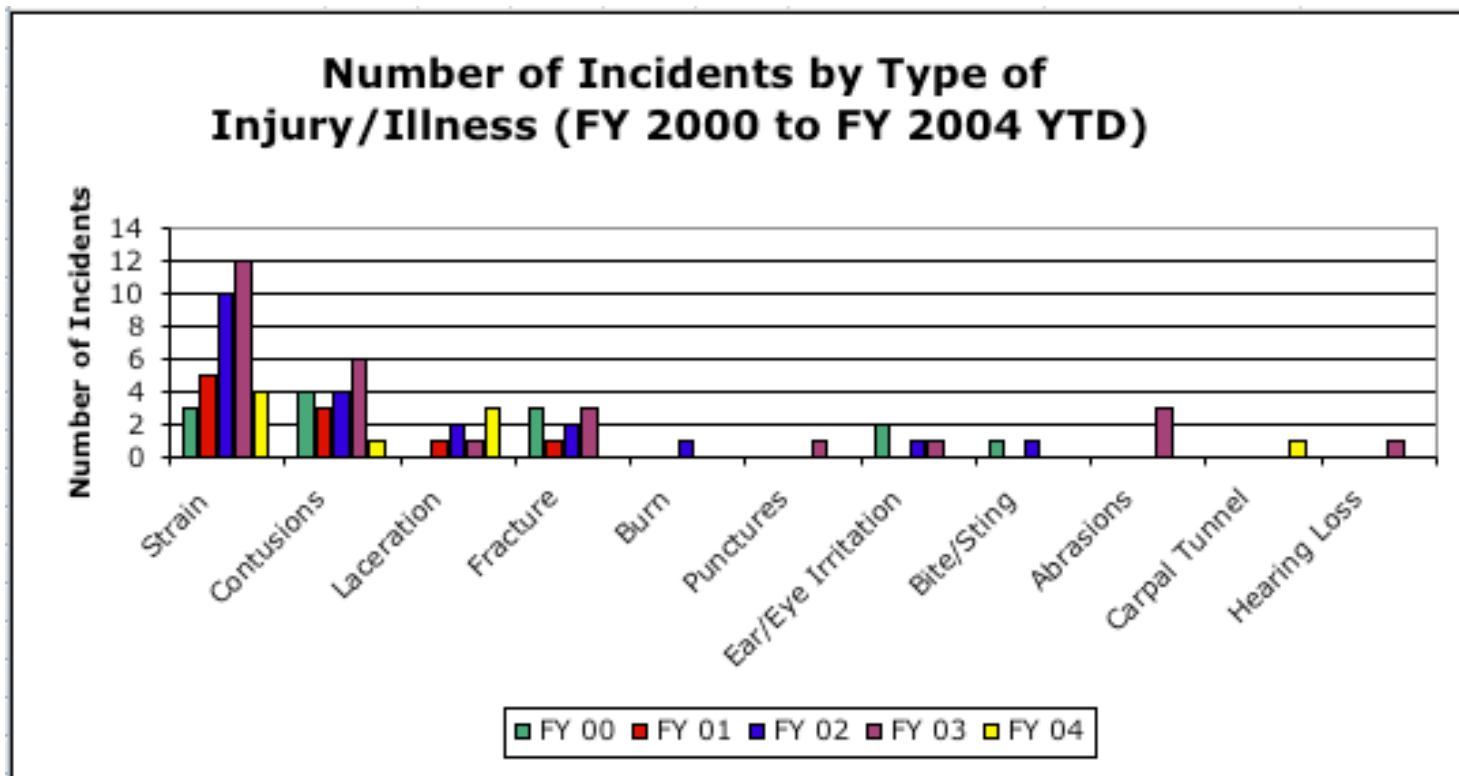
Contractor TCIR



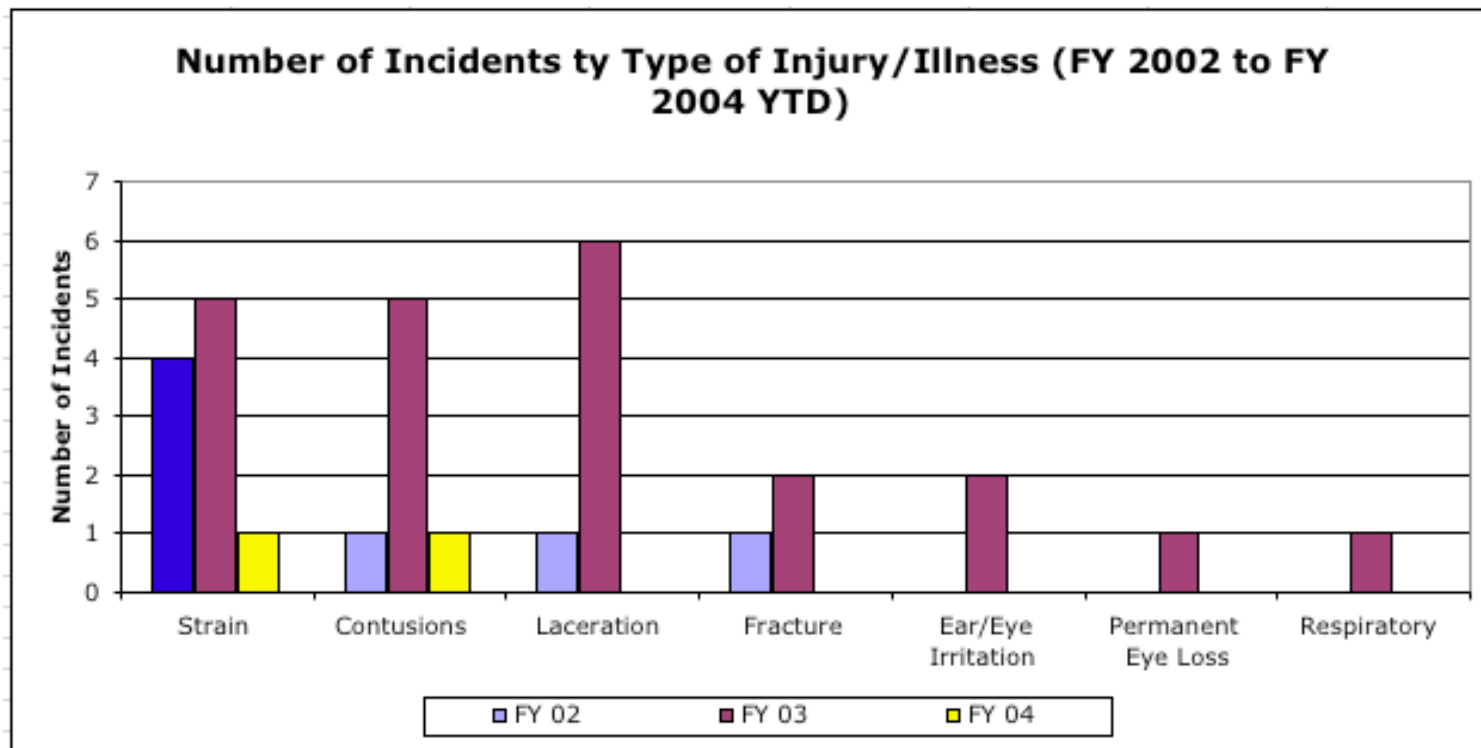
Goal - Decrease the number of recordable incidents to zero and maintain TCIR below BLS for SIC 8733, which is currently 2.3.

Metric Description - The cumulative number of lost time cases, restricted workday cases and OSHA Recordable Incidents per 200,000 hours worked.

Civil Servant Incidents by Type of Injury/Illness



Contractor Incidents by Type of Injury/Illness



What are we doing to turn the trend

- LaRC has a new Center Director (Roy Bridges)
 - He has turned safety “up a notch.”
 - Stresses team safety (versus civil servant & contractor).
- Implemented Monthly Supervisor Safety Inspection last December.
- Strains (particularly back) are the number one type of incident.
 - Implementing a new ergonomics program that will stress back safety.

Anybody have any other suggestions?



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Program of Interest: Construction Safety

Construction Safety Program

- Program elements.
 - The safety representative for construction contractors must attend a safety briefing.
 - Many companies bring all workers.
 - All construction sites are inspected.
- Who participates.
 - Any construction contractor, including those who work for on-site contractors, that perform construction at Langley.
 - Construction contractors who often work on the base attend every six months.

Construction Safety Meetings

- Construction safety meetings are conducted every Monday, Wednesday, and Friday at 7:30 am or when requested.
- Conducted by the individual who is the construction safety inspector.
- Consists of two elements.
 - Discussion about how serious safety is taken at LaRC.
 - A construction safety video that is LaRC specific.
- Talk with each company to learn what they are doing.

Construction Site Inspection

- Inspections conducted by a Construction Safety Specialist.
 - High-risk sites are visited daily.
 - Low-risk sites are visited at least twice a week.
 - “Trouble” contractors may be watched more often.
 - Inspector visits when request by others.
- A team approach is taken to violations.
 - We work with the contractor to educate them.
 - Notice of Violations are issued as a last resort.
- We will bring in the “heavy guns” (i.e., OSHA) if violations continue.

What LaRC Gets From the Program

- Contractors who have never worked on the site learn quickly they are “not on the outside.”
- We can talk to them about required permits (e.g., hot work, digging, asbestos, etc.).
- We learn what they are doing, which can help use avoid problems.
- We have not had a construction accident involving these workers in many years.



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Questions / Comments